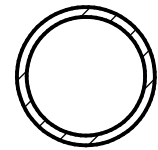


**** NOTES ****

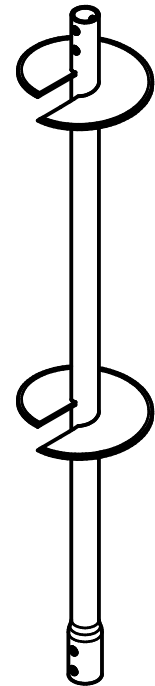
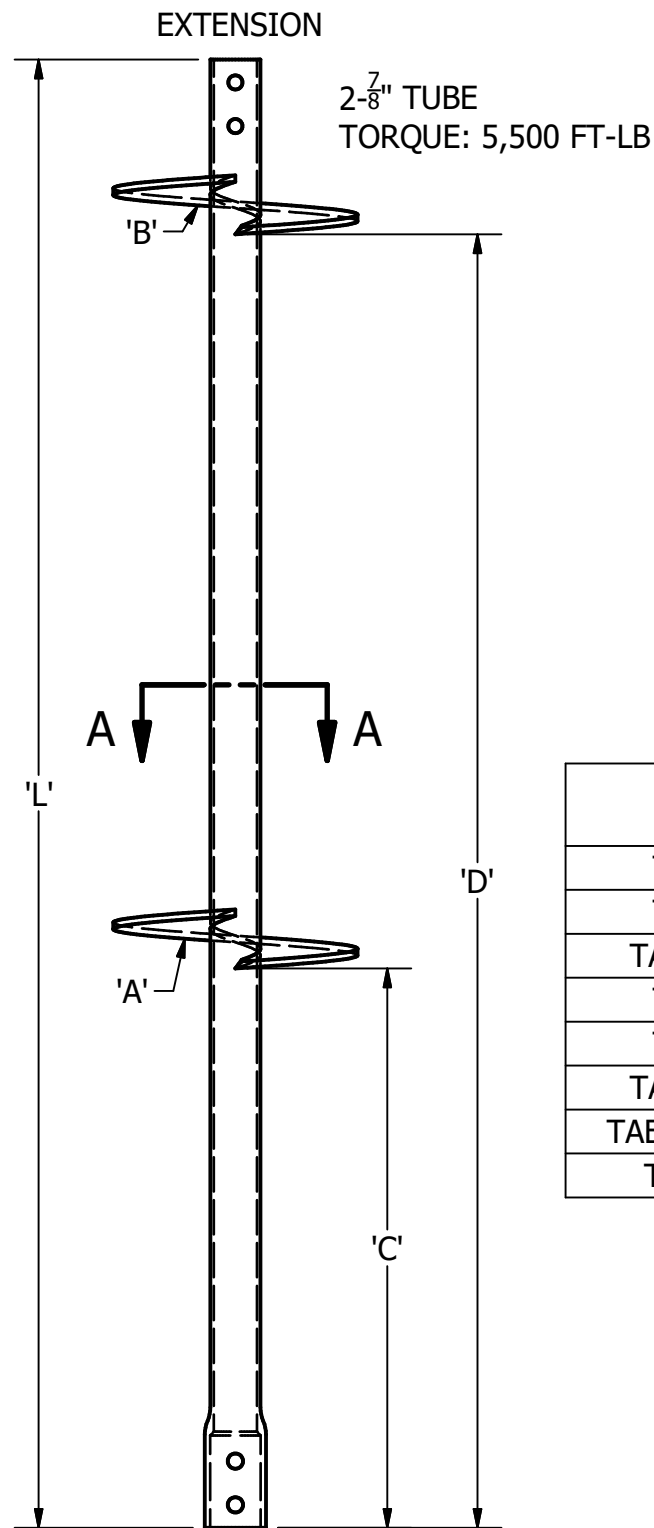
1. HOT DIP GALVANIZED PER ASTM A123 GRADE 75 (LATEST REV)
2. PIPE SHAFT MATERIAL PER ASTM A500 GRADE B MIN YIELD 50 KSI
3. HELIX SHALL BE MADE OF ASTM A572 GRADE 50 OR 80
4. COUPLING BOLTS: 3/4"Ø X 4-1/4" LONG HEX HEAD PER SAE J429 GRADE 8
5. MANUFACTURER TO HAVE IN EFFECT INDUSTRY RECOGNIZED WRITTEN QUALITY CONTROL FOR ALL MATERIALS AND MANUFACTURING PROCESSES
6. ALL WELDING TO BE DONE BY WELDERS CERTIFIED UNDER SECTION 5 OF THE AWS CODE D1.1



**SECTION A-A
SCALE 1/4**

DESCRIPTION	IMPERIAL	METRIC
SHAFT SIZE, OD	2.875 IN	73.025 mm
SHAFT SIZE, ID	2.469 IN	62.7126 mm
MOMENT OF INERTIA (I)*	1.5295 IN ⁴	6.37x10 ⁵ mm ⁴
SHAFT AREA (A)*	1.70405 IN ²	1099.385 mm ²
SECTION MODULUS (SX-X)*	1.06404 IN ³	17436.5 mm ³
TORQUE	5,500 FT.LBS	7,457 Nm
ULTIMATE CAPACITY	60,000 LBS.	27,215.5 kg
MAX TORQUE VERIFIABLE LOAD	49,500 LBS.	22,452.8 kg

HELICAL PILES



PART NUMBER	DESCRIPTION	'L'	'A'	'B'	'C'	'D'
TAEW-288L-36	36" EXTENSION	36				
TAEW-288L-42	42" EXTENSION	42				
TAEW-288L-42-14	42" EXTENSION W/ 3/8" x 14" HELICAL	42	14		32	
TAEW-288L-60	60" EXTENSION	60				
TAEW-288L-84	84" EXTENSION	84				
TAEW-288L-84-14	84" EXTENSION W/ 3/8" x 14" HELICAL	84	14		32	
TAEW-288L-84-14-14	84" EXTENSION W/ 3/8" x 14"/14" HELICAL	84	14	14	32	74
TAEW-288L-120	120" EXTENSION	120				

ECP	Earth Contact Products			
	TITLE HELICAL PILES TAEW-288L			
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DO NOT SCALE THIS DRAWING	DRN BY GDR	DATE 4/11/23	SHEET 1 OF 1	